


## MCU 16-bit MSP430 RISC 120KB Flash 2.5V/3.3V 64-Pin LQFP Tray



Images are for reference only

[Inquiry](#)

<b>Manufacturer:</b>	<a href="#">Texas Instruments, Inc</a>
<b>Package/Case:</b>	QFP64
<b>Product Type:</b>	Embedded Processors & Controllers
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active

### General Description

#### Key Features

- 16-bit RISC architecture, 62.5ns instruction cycle time
- 3-channel internal DMA
- 12-bit ADC with internal reference, sample-and-hold and autoscan feature
- Dual 12-bit DAC with synchronization
- 16-bit Timer\_A with 3 Capture/Compare registers
- 16-bit Timer\_B with 7 Capture/Compare registers
- On-chip comparator
- Enhanced UART supporting auto-baudrate detection
- IrDA Encoder and decoder
- Synchronous SPI
- Supply voltage supervisor/monitor with programmable level detection
- Brownout detector
- Bootstrap loader
- Serial on-board programming
- No external programming voltage needed
- Programmable code protection by security fuse
- 365 $\mu$ A at 1MHz, 2.2V Active mode (AM) power consumption

## Recommended For You

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### **TMS320DM642AZNZ6**

Texas Instruments, Inc  
BGA

### **TMS320C31PQA40**

Texas Instruments, Inc  
QFP

### **TMS320C6726BRFP266**

Texas Instruments, Inc  
QFP144

### **MSP430F147IPM**

Texas Instruments, Inc  
QFP64

### **MSP430F135IPMR**

Texas Instruments, Inc  
LQFP64

### **TMS320DM648ZUTD9**

Texas Instruments, Inc  
BGA

### **TMS320C203PZ80**

Texas Instruments, Inc  
QFP

### **MSP430G2452IPW20**

Texas Instruments, Inc  
TSSOP20

### **MSP430G2231IPW14R**

Texas Instruments, Inc  
TSSOP14

### **TMS320F28027PTT**

Texas Instruments, Inc  
LQFP48

### **TMS5703137DZWTQQ1**

Texas Instruments, Inc  
NFBGA-337

### **TMS34010FNL-40**

Texas Instruments, Inc  
PLCC

### **TMS320C6670ACYP A2**

Texas Instruments, Inc  
FCBGA84

### **TMS320VC5402APGE16**

Texas Instruments, Inc  
LQFP-144

### **TMS320DM642AGDKA5**

Texas Instruments, Inc  
FCCSP(GDK)